

CTR Employer Survey Report

Thank you for completing your Commute Trip Reduction survey. This report contains the survey results.

Employer Id : E99614

Participation : CTR

Employer : Exotic Metals Forming Co.

Status : Affected

Worksite : Exotic Metals Forming Co.

Survey Type : Paper

Street : 5411 S 226th St

Response Rate : 85%

Jurisdiction : City of Kent

Survey Date : 3/23/2018

Non-Drive Alone & One-Way VMT Rates at this Worksite

Non-Drive Alone Rate : 18.1%

Drive Alone Rate : 81.9%

One-Way VMT per employee : 16.7

Average One-Way distance home to work : 20.8

Employees and Survey Response Information

Reported Total Employees at Worksite : 1,132

Surveys Distributed : 1,132

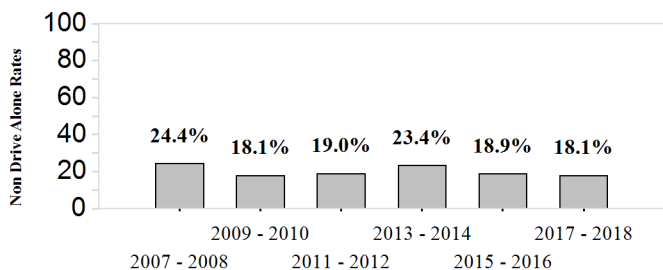
Surveys Returned : 963

Surveys Returned by CTR Affected* Employees : 615

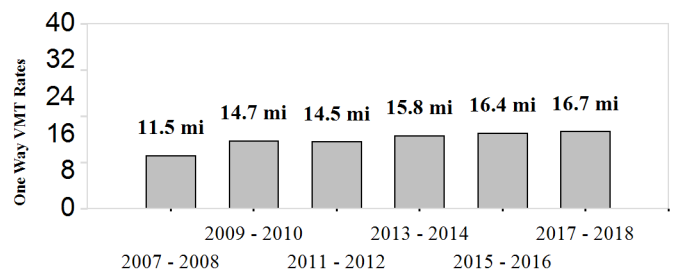
Total Estimated CTR Affected Employees at Worksite : 723

**CTR Affected employees filled out the survey as being full-time and commuting (typically) to work at least twice between 6a and 9a, Monday through Friday.*

Non Drive Alone Rates - ALL Employees



One Way VMT per Employee - ALL Employees



Site History and Targets

Annual Metric Tons CO2e Pounds CO2e

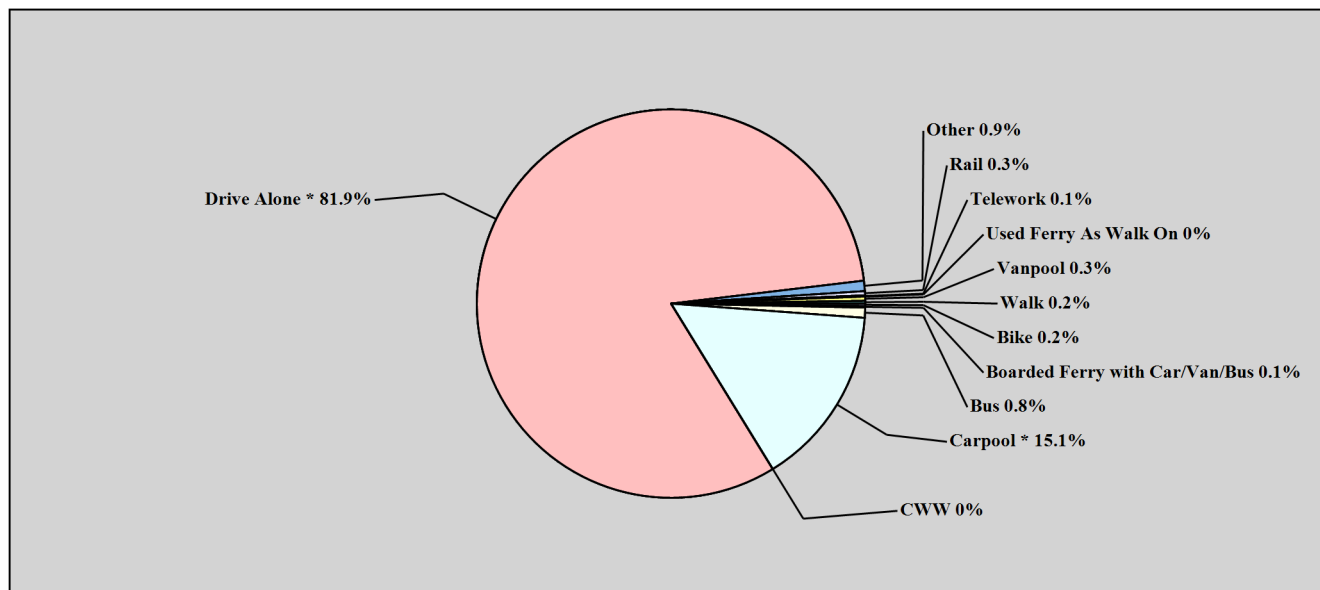
Cycle	Non Drive Alone Rate - All	Non Drive Alone Rate - CTR Affected	Emissions for Surveyed Employees	Estimated Emissions for Total Employment	GHG per Employee's Roundtrip	VMT per Employee - All	VMT per Employee - CTR Affected
2007 - 2008	24.4%	24.6%	617	1142	8.9	11.5	11.6
2009 - 2010	18.1%	18.6%	1074	1629	12.7	14.7	14.8
2011 - 2012	19.0%	19.6%	1526	2426	18.9	14.5	14.5
2013 - 2014	23.4%	25.0%	1854	3144	24.5	15.8	15.7
2015 - 2016	18.9%	19.8%	2128	2542	19.8	16.4	16.3
2017 - 2018	18.1%	19.2%	3614	4248	33.1	16.7	16.4
Target	24.1%				Target:	11.6	
% Point Change Target:	-0.3				% Change Target:	0.9%	
% Point Change from Baseline:	-6.3				% Change from Baseline:	45.2%	

GHG calculations are based on VMT and estimated total round-trip commutes for all employees. Modes that contribute to GHG include driving alone, carpooling, vanpooling, and riding a motorcycle. The use of other modes (e.g., transit, rail, walking, ferry) do not increase a worksite's GHG calculation. For more information about how GHG is calculated, please contact your jurisdiction's representative.

Commute Trips By Mode - All Employees

Q.4: Last week, what type of transportation did you use each day to commute TO your usual work location? (Mode used for the longest distance.)

Mode Split - All Employees



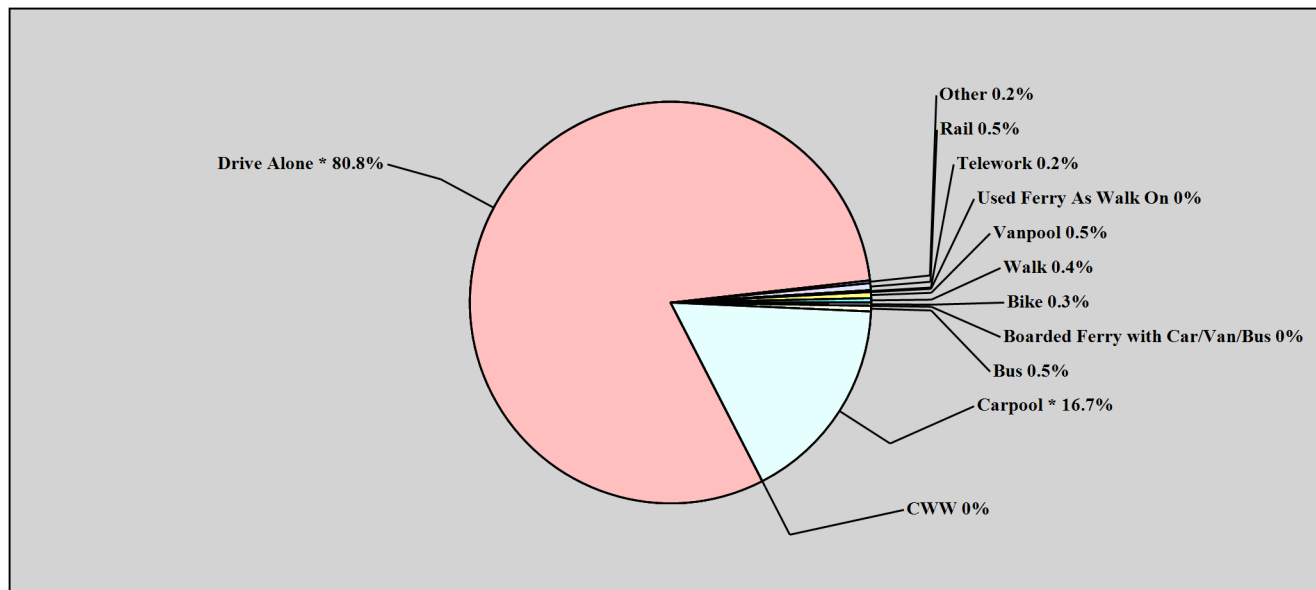
Mode	Trips During This Survey	% of Trips During This Survey	% of Trips During Previous Survey	Employees Who Used This Mode at Least Once During This Survey	% of Employees Who Used This Mode at Least Once During This Survey	% of Employees Who Used This Mode at Least Once During Previous Survey
Drive Alone *	3,986	81.9%	81.1%	816	84.7%	86.1%
Carpool *	733	15.1%	16.8%	166	17.2%	20.5%
Vanpool	17	0.3%	0.2%	4	0.4%	0.2%
Bus	41	0.8%	0.7%	9	0.9%	0.7%
Rail	17	0.3%	0.2%	5	0.5%	0.2%
Bike	10	0.2%	0.5%	3	0.3%	0.7%
Walk	11	0.2%	0.1%	3	0.3%	0.2%
Telework	5	0.1%	0.1%	1	0.1%	0.3%
CWW	0	0.0%	0.1%	0	0.0%	0.3%
Boarded Ferry with Car/Van/Bus	6	0.1%	0.2%	1	0.1%	0.2%
Used Ferry As Walk On	0	0.0%	0.0%	0	0.0%	0.0%
Other	42	0.9%	0.2%	11	1.1%	0.3%

* Motorcycle-1 is now included in Drive Alone and Motorcycle-2 is included in Carpool. Information about these trips is still available by request.

Commute Trips By Mode - Affected Employees

Q.4: Last week, what type of transportation did you use each day to commute TO your usual work location? (Mode used for the longest distance.)

Mode Split - CTR Affected Employees



Mode	Trips During This Survey	% of Trips During This Survey	% of Trips During Previous Survey	Employees Who Used This Mode at Least Once During This Survey	% of Employees Who Used This Mode at Least Once During This Survey	% of Employees Who Used This Mode at Least Once During Previous Survey
Drive Alone *	2,510	80.8%	80.2%	520	84.6%	85.6%
Carpool *	520	16.7%	17.4%	119	19.4%	21.1%
Vanpool	15	0.5%	0.2%	3	0.5%	0.2%
Bus	14	0.5%	0.9%	3	0.5%	0.8%
Rail	17	0.5%	0.2%	5	0.8%	0.2%
Bike	8	0.3%	0.6%	2	0.3%	0.8%
Walk	11	0.4%	0.1%	3	0.5%	0.2%
Telework	5	0.2%	0.1%	1	0.2%	0.4%
CWW	0	0.0%	0.1%	0	0.0%	0.4%
Boarded Ferry with Car/Van/Bus	0	0.0%	0.2%	0	0.0%	0.2%
Used Ferry As Walk On	0	0.0%	0.0%	0	0.0%	0.0%
Other	7	0.2%	0.1%	3	0.5%	0.2%

* Motorcycle-1 is now included in Drive Alone and Motorcycle-2 is included in Carpool. Information about these trips is still available by request.

Alternative Modes - Number of Employees Who Used a Non-Drive Alone Mode:

Non-Drive Alone Number Of Days	Exactly this # of Employees	Exactly this % of Employees	At least # of Employees	At least % of employees
0 Day	766	80%	963	100%
1 Days	10	1%	197	20%
2 Days	12	1%	187	19%
3 Days	12	1%	175	18%
4 Days	18	2%	163	17%
5 Days	130	13%	145	15%
6 or More Days	15	2%	15	2%

Count by Occupancy of Carpools and Vanpools

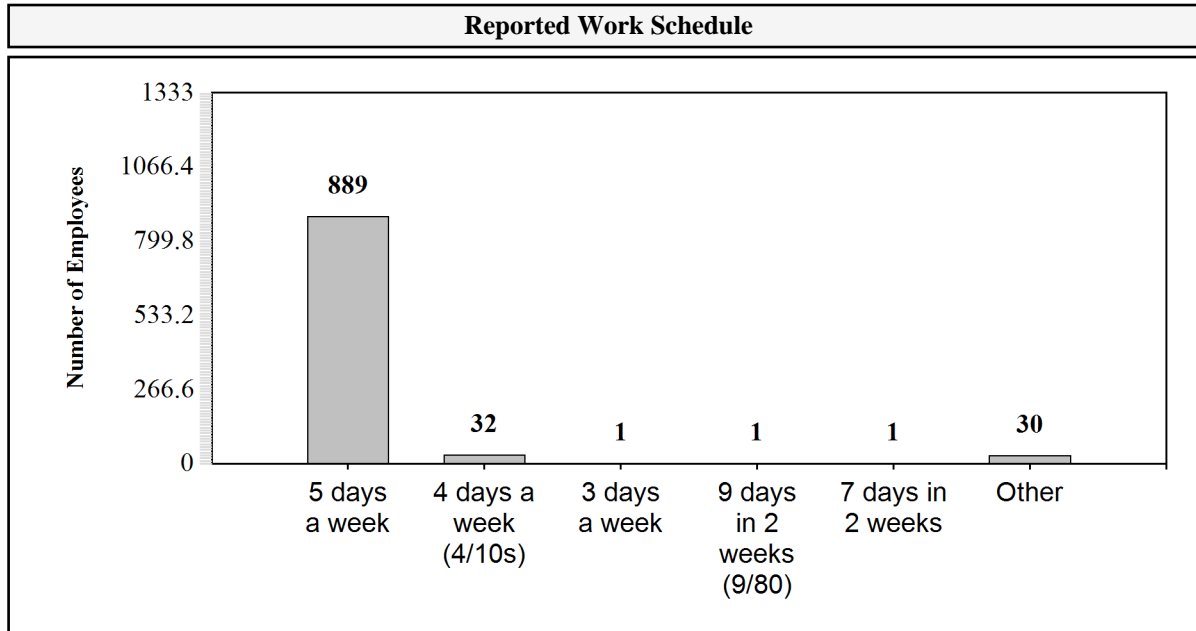
Q.5 If you used a carpool or vanpool as part of your commute, how many people (age 16 or older) are usually in the vehicle?

Ridesharing Occupancy	Mode	Response Count
2*	Carpool	644
3	Carpool	80
4	Carpool	9
5	Carpool	0
>5	Carpool	0
<5	Vanpool	5
5	Vanpool	5
6	Vanpool	5
7	Vanpool	0
8	Vanpool	0
9	Vanpool	2
10	Vanpool	0
11	Vanpool	0
12	Vanpool	0
13	Vanpool	0
14	Vanpool	0
>14	Vanpool	0

* Motorcycle-2 counted with Carpool-2 for this table.

Reported Work Schedule - All Employees

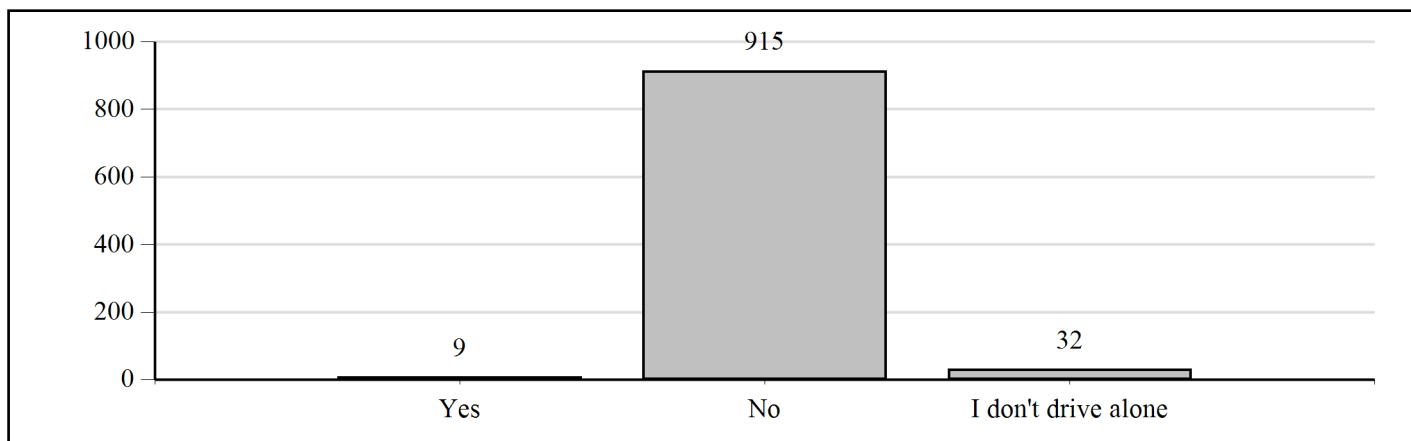
Q.8 Which of the following best describes your work schedule?



Reported Work Schedule	# Of Responses	% Of Employees
5 days a week	889	93.2%
4 days a week (4/10s)	32	3.4%
3 days a week	1	0.1%
9 days in 2 weeks (9/80)	1	0.1%
7 days in 2 weeks	1	0.1%
Other	30	3.1%

Parking and Telework

Q.9: On the most recent day that you drove alone to work, did you pay to park? (Mark "yes" if you paid that day, if you prepaid, if you are billed later, or if the cost of parking is deducted from your paycheck.)



Q.10: How many days do you typically telework?

Telework Frequency	# of Responses	% of Responses
No Answer/Blank	3	0.3%
I don't telework	942	97.8%
Occasionally, on an as-needed basis	16	1.7%
1-2 days/month	1	0.1%
1 day/week	0	0.0%
2 days/week	0	0.0%
3 days/week	1	0.1%

Reasons for driving alone to work/not driving alone to work
Q11. When you do not drive alone to work, what are the three most important reasons?

Question Text	# of Responses	% of Responses
To save money	354	22.5%
To save time using the HOV lane	219	13.9%
Preferred/reserved carpool/vanpool parking is provided	155	9.9%
Other	154	9.8%
Financial incentives for carpooling, bicycling or walking.	137	8.7%
Cost of parking or lack of parking	128	8.1%
Driving myself is not an option	111	7.1%
Environmental and community benefits	104	6.6%
Personal health or well-being	101	6.4%
Emergency ride home is provided	46	2.9%
Free or subsidized bus, train, vanpool pass or fare benefit	41	2.6%
I receive a financial incentive for giving up my parking space	12	0.8%
I have the option of teleworking	9	0.6%

Q12. When you drive alone to work, what are the three most important reasons?

Question Text	# of Responses	% of Responses
I like the convenience of having my car	729	32.5%
Riding the bus or train is inconvenient or takes too long	580	25.8%
Family care or similar obligations	238	10.6%
Other	218	9.7%
My commute distance is too short	185	8.2%
Bicycling or walking isn't safe	156	6.9%
I need more information on alternative modes	75	3.3%
My job requires me to use my car for work	55	2.4%
There isn't any secure or covered bicycle parking	9	0.4%

Commute Mode By ZipCode for All Employees

Q6. What is your home zip code?

Home Zip code	Total Employees	Employee Percentage	Weekly Count of Trips By Mode												
			Drive Alone	Carpool	Vanpool	Motorcycle	Bus	Train	Bike	Walk	Telework	CWW	Ferry (Car/Van/Bus)	Ferry (walk-on)	Other
98031	45	4.67%	187	26	0	0	4	0	0	5	0	0	0	0	5
98042	44	4.57%	189	27	0	0	0	0	0	0	0	0	0	0	6
98032	40	4.15%	160	27	5	1	0	0	2	0	0	0	0	0	0
98002	35	3.63%	120	42	0	4	12	0	0	1	0	0	0	0	0
98391	34	3.53%	153	20	0	0	0	0	0	0	0	0	0	0	0
98030	32	3.32%	142	15	5	0	0	0	6	0	0	0	0	0	0
98374	32	3.32%	115	51	0	3	0	0	0	0	0	0	0	0	0
98003	30	3.12%	132	5	0	0	10	0	0	0	0	0	6	0	0
98092	24	2.49%	116	5	0	0	0	0	0	0	0	0	0	0	0
98371	24	2.49%	75	41	0	0	5	0	0	0	0	0	0	0	0
98023	23	2.39%	106	6	2	1	0	0	0	0	0	0	0	0	3
98055	22	2.28%	110	0	0	0	0	0	0	0	0	0	0	0	5
98198	20	2.08%	95	1	0	0	0	0	2	0	0	0	0	0	5
98001	18	1.87%	77	15	0	0	0	0	0	0	0	0	0	0	0
98372	18	1.87%	71	12	0	0	0	0	0	0	0	0	0	0	8
98375	18	1.87%	55	32	0	0	0	0	0	0	0	0	0	0	0
98444	17	1.77%	77	5	0	0	0	5	0	0	0	0	0	0	0
98059	16	1.66%	81	0	0	0	0	0	0	0	0	0	0	0	0
98168	16	1.66%	55	15	0	6	0	0	0	0	0	0	0	0	0
98405	16	1.66%	56	20	0	2	0	0	0	0	0	0	0	0	0
98404	15	1.56%	58	15	0	0	0	0	0	0	0	0	0	0	0
98022	14	1.45%	49	20	0	0	0	0	0	0	0	0	0	0	0
98038	14	1.45%	50	18	0	0	0	0	0	0	0	0	0	0	0
98106	13	1.35%	40	14	0	0	5	0	0	0	0	0	0	0	1
98373	13	1.35%	56	10	0	1	0	0	0	0	0	0	0	0	2
98387	13	1.35%	59	8	0	0	0	0	0	0	0	0	0	0	0



Home Zip code	Total Employees	Employee Percentage	Weekly Count of Trips By Mode												
			Drive Alone	Carpool	Vanpool	Motorcycle	Bus	Train	Bike	Walk	Telework	CWW	Ferry (Car/Van/Bus)	Ferry (walk-on)	Other
	12	1.25%	60	0	0	0	0	1	0	0	0	0	0	0	0
98321	11	1.14%	46	3	5	0	0	0	0	0	0	0	0	0	0
98360	11	1.14%	43	11	0	0	0	0	0	0	0	0	0	0	0
98424	11	1.14%	45	10	0	0	0	0	0	0	0	0	0	0	0
98058	10	1.04%	51	0	0	0	0	0	0	0	0	0	0	0	0
98188	10	1.04%	48	0	0	0	0	0	0	0	0	0	0	0	0
98056	9	0.93%	40	5	0	0	0	0	0	0	0	0	0	0	0
98118	9	0.93%	45	0	0	0	0	0	0	0	0	0	0	0	0
98146	9	0.93%	46	0	0	0	0	0	0	0	0	0	0	0	0
98390	9	0.93%	38	7	0	0	0	0	0	0	0	0	0	0	0
98408	9	0.93%	41	5	0	0	0	0	0	0	0	0	0	0	0
98103	8	0.83%	33	7	0	0	0	0	0	0	0	0	0	0	0
98166	8	0.83%	29	12	0	0	0	0	0	0	0	0	0	0	0
98445	8	0.83%	10	30	0	0	0	0	0	0	0	0	0	0	0
98466	8	0.83%	40	0	0	0	0	0	0	0	0	0	0	0	0
98010	7	0.73%	32	5	0	0	0	0	0	0	0	0	0	0	0
98047	7	0.73%	31	5	0	0	0	0	0	0	0	0	0	0	0
98338	7	0.73%	21	18	0	0	0	0	0	0	0	0	0	0	0
98409	7	0.73%	24	11	0	0	0	0	0	0	0	0	0	0	0
98178	6	0.62%	20	10	0	0	0	0	0	0	0	0	0	0	0
98407	6	0.62%	25	4	0	0	0	0	0	0	0	0	0	0	0
98418	6	0.62%	10	18	0	0	0	0	0	0	0	0	0	0	0
98499	6	0.62%	22	10	0	0	0	0	0	0	0	0	0	0	0
98126	5	0.52%	12	13	0	0	0	0	0	0	0	0	0	0	1
98335	5	0.52%	22	3	0	0	0	1	0	0	0	0	0	0	0
98354	5	0.52%	26	0	0	0	0	0	0	0	0	0	0	0	0
98406	5	0.52%	14	5	0	0	0	5	0	0	0	0	0	0	0
98422	5	0.52%	26	0	0	0	0	0	0	0	0	0	0	0	0
98027	4	0.42%	19	0	0	0	0	0	0	0	0	0	0	0	0



Home Zip code	Total Employees	Employee Percentage	Weekly Count of Trips By Mode												
			Drive Alone	Carpool	Vanpool	Motorcycle	Bus	Train	Bike	Walk	Telework	CWW	Ferry (Car/Van/Bus)	Ferry (walk-on)	Other
98033	4	0.42%	15	6	0	0	0	0	0	0	0	0	0	0	0
98051	4	0.42%	10	10	0	0	0	0	0	0	0	0	0	0	0
98115	4	0.42%	13	3	0	4	0	0	0	0	0	0	0	0	0
98502	4	0.42%	24	0	0	0	0	0	0	0	0	0	0	0	0
98006	3	0.31%	15	0	0	0	0	0	0	0	0	0	0	0	0
98034	3	0.31%	15	0	0	0	0	0	0	0	0	0	0	0	0
98107	3	0.31%	10	5	0	0	0	0	0	0	0	0	0	0	0
98125	3	0.31%	11	5	0	0	0	0	0	0	0	0	0	0	0
98144	3	0.31%	6	9	0	0	0	0	0	0	0	0	0	0	0
98148	3	0.31%	5	5	0	0	5	0	0	0	0	0	0	0	0
98403	3	0.31%	15	0	0	0	0	0	0	0	0	0	0	0	0
98446	3	0.31%	15	0	0	0	0	0	0	0	0	0	0	0	0
98503	3	0.31%	14	0	0	0	0	0	0	0	0	0	0	0	0
98008	2	0.21%	10	0	0	0	0	0	0	0	0	0	0	0	0
98029	2	0.21%	5	5	0	0	0	0	0	0	0	0	0	0	0
98052	2	0.21%	10	0	0	0	0	0	0	0	0	0	0	0	0
98057	2	0.21%	10	0	0	0	0	0	0	0	0	0	0	0	0
98072	2	0.21%	10	0	0	0	0	0	0	0	0	0	0	0	0
98075	2	0.21%	5	5	0	0	0	0	0	0	0	0	0	0	0
98101	2	0.21%	9	1	0	0	0	0	0	0	0	0	0	0	0
98102	2	0.21%	10	0	0	0	0	0	0	0	0	0	0	0	0
98105	2	0.21%	10	0	0	0	0	0	0	0	0	0	0	0	0
98117	2	0.21%	11	0	0	0	0	0	0	0	0	0	0	0	0
98155	2	0.21%	10	0	0	0	0	0	0	0	0	0	0	0	0
98311	2	0.21%	10	0	0	0	0	0	0	0	0	0	0	0	0
98328	2	0.21%	5	0	0	0	0	5	0	0	0	0	0	0	0
98329	2	0.21%	0	11	0	0	0	0	0	0	0	0	0	0	0
98465	2	0.21%	5	4	0	0	0	0	0	0	0	0	0	0	0
98467	2	0.21%	9	0	0	0	0	0	0	0	0	0	0	0	0



Home Zip code	Total Employees	Employee Percentage	Weekly Count of Trips By Mode												
			Drive Alone	Carpool	Vanpool	Motorcycle	Bus	Train	Bike	Walk	Telework	CWW	Ferry (Car/Van/Bus)	Ferry (walk-on)	Other
98498	2	0.21%	11	0	0	0	0	0	0	0	0	0	0	0	0
98501	2	0.21%	9	1	0	0	0	0	0	0	0	0	0	0	0
98513	2	0.21%	6	0	0	0	0	0	0	0	0	0	0	0	6
98516	2	0.21%	8	2	0	0	0	0	0	0	0	0	0	0	0
98584	2	0.21%	10	0	0	0	0	0	0	0	0	0	0	0	0
03089	1	0.10%	0	0	0	0	0	0	0	5	0	0	0	0	0
2	1	0.10%	7	0	0	0	0	0	0	0	0	0	0	0	0
37 1	1	0.10%	5	0	0	0	0	0	0	0	0	0	0	0	0
424	1	0.10%	5	0	0	0	0	0	0	0	0	0	0	0	0
89422	1	0.10%	5	0	0	0	0	0	0	0	0	0	0	0	0
93382	1	0.10%	5	0	0	0	0	0	0	0	0	0	0	0	0
97032	1	0.10%	0	0	0	0	0	0	0	0	5	0	0	0	0
980	1	0.10%	6	0	0	0	0	0	0	0	0	0	0	0	0
98005	1	0.10%	5	0	0	0	0	0	0	0	0	0	0	0	0
98007	1	0.10%	5	0	0	0	0	0	0	0	0	0	0	0	0
98011	1	0.10%	6	0	0	0	0	0	0	0	0	0	0	0	0
98014	1	0.10%	5	0	0	0	0	0	0	0	0	0	0	0	0
98019	1	0.10%	0	0	0	0	0	0	0	0	0	0	0	0	0
98021	1	0.10%	6	0	0	0	0	0	0	0	0	0	0	0	0
98028	1	0.10%	5	0	0	0	0	0	0	0	0	0	0	0	0
98036	1	0.10%	5	0	0	0	0	0	0	0	0	0	0	0	0
98045	1	0.10%	0	5	0	0	0	0	0	0	0	0	0	0	0
98053	1	0.10%	0	5	0	0	0	0	0	0	0	0	0	0	0
98063	1	0.10%	0	5	0	0	0	0	0	0	0	0	0	0	0
98065	1	0.10%	6	0	0	0	0	0	0	0	0	0	0	0	0
98108	1	0.10%	5	0	0	0	0	0	0	0	0	0	0	0	0
98109	1	0.10%	5	0	0	0	0	0	0	0	0	0	0	0	0
98112	1	0.10%	5	0	0	0	0	0	0	0	0	0	0	0	0
98116	1	0.10%	5	0	0	0	0	0	0	0	0	0	0	0	0



			Weekly Count of Trips By Mode												
Home Zip code	Total Employees	Employee Percentage	Drive Alone	Carpool	Vanpool	Motorcycle	Bus	Train	Bike	Walk	Telework	CWW	Ferry (Car/Van/Bus)	Ferry (walk-on)	Other
98133	1	0.10%	5	0	0	0	0	0	0	0	0	0	0	0	0
98177	1	0.10%	5	0	0	0	0	0	0	0	0	0	0	0	0
98199	1	0.10%	4	0	0	0	0	0	0	0	0	0	0	0	0
98208	1	0.10%	4	0	0	0	0	0	0	0	0	0	0	0	0
98233	1	0.10%	6	0	0	0	0	0	0	0	0	0	0	0	0
98266	1	0.10%	5	0	0	0	0	0	0	0	0	0	0	0	0
98270	1	0.10%	5	0	0	0	0	0	0	0	0	0	0	0	0
98271	1	0.10%	5	0	0	0	0	0	0	0	0	0	0	0	0
98272	1	0.10%	5	0	0	0	0	0	0	0	0	0	0	0	0
98273	1	0.10%	5	0	0	0	0	0	0	0	0	0	0	0	0
98287	1	0.10%	6	0	0	0	0	0	0	0	0	0	0	0	0
983	1	0.10%	5	0	0	0	0	0	0	0	0	0	0	0	0
9831	1	0.10%	5	0	0	0	0	0	0	0	0	0	0	0	0
98330	1	0.10%	5	0	0	0	0	0	0	0	0	0	0	0	0
98337	1	0.10%	6	0	0	0	0	0	0	0	0	0	0	0	0
98359	1	0.10%	6	0	0	0	0	0	0	0	0	0	0	0	0
98367	1	0.10%	5	0	0	0	0	0	0	0	0	0	0	0	0
98388	1	0.10%	5	0	0	0	0	0	0	0	0	0	0	0	0
98420	1	0.10%	5	0	0	0	0	0	0	0	0	0	0	0	0
98443	1	0.10%	5	0	0	0	0	0	0	0	0	0	0	0	0
98531	1	0.10%	6	0	0	0	0	0	0	0	0	0	0	0	0
98579	1	0.10%	3	2	0	0	0	0	0	0	0	0	0	0	0
98589	1	0.10%	4	1	0	0	0	0	0	0	0	0	0	0	0
98608	1	0.10%	5	0	0	0	0	0	0	0	0	0	0	0	0
98802	1	0.10%	5	0	0	0	0	0	0	0	0	0	0	0	0